

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Yong-jo PARK et al

Application No.: Unassigned

Filing Date: April 5, 2004

Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

Title: GAN SERIES SURFACE-EMITTING LASER DIODE HAVING SPACER FOR EFFECTIVE DIFFUSION OF HOLES BETWEEN P-TYPE ELECTRODE AND ACTIVE LAYER, AND METHOD FOR MANUFACTURING SAME

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

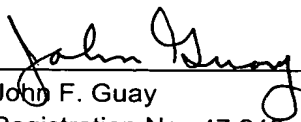
The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By

  
John F. Guay  
Registration No. 47,248

Date: April 5, 2004

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Yong-jo PARK et al	)	Group Art Unit: Unassigned
Application No.: Unassigned	)	Examiner: Unassigned
Filed: April 5, 2004	)	Confirmation No.: Unassigned
For: GAN SERIES SURFACE-EMITTING	)	
LASER DIODE HAVING SPACER FOR	)	
EFFECTIVE DIFFUSION OF HOLES	)	
BETWEEN P-TYPE ELECTRODE AND	)	
ACTIVE LAYER, AND METHOD FOR	)	
MANUFACTURING SAME	)	

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

All of the listed documents were previously made of record in prior Application Serial No. 10/055,999, filed January 28, 2002, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120. Accordingly, Applicants need not supply a copy of each of these listed documents.

This information is being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since this information is being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

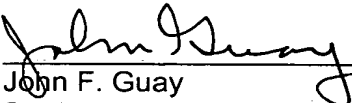
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date April 5, 2004

By:

  
John F. Guay  
Registration No. 47,248

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Substitute for form 1449A/PTO & 1449B/PTO		<b>Complete if Known</b>	
<b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary) *		<b>Application Number</b>	Unassigned
		<b>Filing Date</b>	April 5, 2004
		<b>First Named Inventor</b>	Yong-jo PARK et al
		<b>Examiner Name</b>	Unassigned
		<b>Attorney Docket Number</b>	030681-652
Sheet	1	of	1

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,034,958		Kwon et al	07/23/1991
	5,245,622		Jewell et al	09/14/1993
	5,633,527		Lear	05/27/1997
	6,238,944		Floyd	05/29/2001
	6,529,541		Ueki et al	03/04/2003
	6,534,331		Liao et al	03/18/2003

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.